

LACNIC

- Domain : lacnic.net
- DNS server : ns.lacnic.net
- Secondary servers in ARIN, APNIC and NIC Brasil.
- All the applications are available over IPv6 since a few years ago.

Identification of the problem

- DNS server : ns.lacnic.net
- Need of registering the glue record for avoiding a vicious circle in the resolution of lacnic.net
- No problem with IPv4
- Impossible with IPv6 under the current registrar

Process to register the glue record in IPv6 format

- The registrar says that it is not something that they have to deal with.
- They give us instructions to update the information of the DNS server: the system work but it doesn't accept IP addresses in IPv6 format.
- We realize that they offer that service only for their DNS customers
- The ticket is closed. We are told that the registrar doesn't support IPv6 format.

From: <support@supportwebsite.com>

To: <patara@lacnic.net>

Subject: Update [Incident ID: 4060321] - Re: Update [Incident ID: 4056454] - Support Question

Discussion Notes

Support Staff Response

Dear Sir / Madam,

Thank you for contacting Online Support in regards to your request for information on how to utilize this format. Please be advised that we are not able to assist you in this matter, as we currently do not support IPv6 format. There is nothing more that we are able to assist you with regarding this.

Best Regards,

Brice H.

Online Support Representative

Situation

- The domain lacnic.net is accessible by IPv6 because the servers under other domains.
- It works but it is not the right situation.
- Other people could not have the opportunity of agreements with other organizations and need to register their DNS servers with their Registrars,
- How?

Conclusions

- The modifications to the registrar's system for accepting glue records in IPv6 should not be very difficult.
- It is an obstacle for organizations that are already IPv6ed.
- It is not a new service. It doesn't matter if it is IPv4 or IPv6.